IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.
Address of Applicant and Assignee: 4150 Network Circle
                                        Santa Clara, CA 95054

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

<center>Customer Number 32615</center>

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:
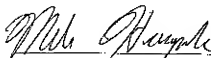
<center>Customer Number 32615</center>

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature: _____   Dated: 4/22/09

Name: Melissa Haapala

Title: Senior Patent Counsel
           Sun Microsystems, Inc.

APPENDIX A

1. **Patent Application/Serial No.:** 09/835,059
                        Title: DATA REORDERING
                        Filed: 4/13/2001
                    Applicant: Sun Microsystems, Inc.
              Reel/Frame No.: 011716/0039
                                  017718/0955
                Reference No: 33227/452001; P9222-US-NP

2. **Patent Application/Serial No.:** 10/209,549
                        Title: MECHANISM FOR ENABLING VIRTUAL
                                  METHOD DISPATCH STRUCTURES TO
                                  BE CREATED ON AN AS-NEEDED BASIS
                        Filed: 7/30/2002
                    Applicant: Sun Microsystems, Inc.
              Reel/Frame No.: 013164/0322
                Reference No: 33227/446001; P7753-US-NP-0

3. **Patent Application/Serial No.:** 10/652,693
                        Title: METHOD AND APPARATUS FOR
                                  IDENTIFYING CAUSES IN A MULTI-
                                  NODE SYSTEM
                        Filed: 8/28/2003
                    Applicant: Sun Microsystems, Inc.
              Reel/Frame No.: 014456/0953
                Reference No: 33227/459001; SUN030121-US-NP

4. **Patent Application/Serial No.:** 09/310,655

    Title: TOPOLOGY CONTROLLED DISCOVERY FOR NEXT HOP DETERMINATION

    Filed: 5/12/1999

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 009969/0644
    010250/0206

    Reference No: 33227/430001; P3388-US-NP-0

5. **Patent Application/Serial No.:** 10/661,413

    Title: ADDRESS VALUE NUMBERING BY BINARY TRANSFORMATION

    Filed: 9/12/2003

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015842/0343

    Reference No: 33227/457001; P9716-US-NP

6. **Patent Application/Serial No.:** 10/662,020

    Title: A PLUGGABLE DEBUGGING INTERFACE FOR GRAPHICAL NOTATION DIAGRAMS

    Filed: 9/11/2003

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 014501/0366

    Reference No: 33227/458001; SUN030057-US-NP

7. **Patent Application/Serial No.:** 10/663,474

   Title: DISTRIBUTED SESSION FAILOVER

   Filed: 9/15/2003

   Applicant: Sun Microsystems, Inc.

   Reel/Frame No.: 014551/0983

   Reference No: 33227/448001; P9143-US-NP

8. **Patent Application/Serial No.:** 10/731,889

   Title: GRAPH THEORY-BASED APPROACH TO XML DATA BINDING

   Filed: 12/8/2003

   Applicant: Sun Microsystems, Inc.

   Reel/Frame No.: 014922/0840

   Reference No: 33227/470001; SUN040586-US-NP

9. **Patent Application/Serial No.:** 10/761,622

   Title: MECHANISM FOR IMPLEMENTING FILE ACROSS CONTROL USIGN LABELED CONTAINERS

   Filed: 1/20/2004

   Applicant: Sun Microsystems, Inc.

   Reel/Frame No.: 014922/0840

   Reference No: 33227/465001; SUN030243-US-NP

10. **Patent Application/Serial No.:** 10/762,067

    Title: MECHANISM FOR ENABLING MULTIPLE PROCESSES TO SHARE PHYSICAL MEMORY

    Filed: 1/20/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 014922//0346

    Reference No: 33227/466001; SUN040013-US-NP

11. **Patent Application/Serial No.:** 10/767,118

Title: MECHANISM FOR PROFILING AND ESTIMATING THE RUNTIME NEEDED TO EXECUTE A JOB

Filed: 1/28/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014945/0262

Reference No: 33227/463001; SUN030236-US-NP

12. **Patent Application/Serial No.:** 10/768,303

Title: EFFICIENT EVENT COMPLETION IN UDAPL

Filed: 1/29/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014948/0873

Reference No: 33227/469001; SUN040111-US-NP

13. **Patent Application/Serial No.:** 10/769,415

Title: SUPPORTING METHOD REFERENCES IN THE JAVA LANGUAGE

Filed: 1/30/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014955/0233

Reference No: 33227/462001; SUN030221-US-NP

14. **Patent Application/Serial No.:** 10/771,698

    Title: MECHANISM FOR ORDERING LISTS OF LOCAL VARIABLES ASSOCIATED WITH A PLURALITY OF CODE BLOCKS

    Filed: 2/3/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 014966/0363

    Reference No: 33227/467001; SUN040017-US-NP

15. **Patent Application/Serial No.:** 10/794,288

    Title: MECHANISM FOR REDUCING DETECTABLE PAUSES IN DYNAMIC OUTPUT CAUSED BY DYNAMIC COMPILATION

    Filed: 3/4/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015067/0136

    Reference No: 33227/471001; SUN040620-US-NP

16. **Patent Application/Serial No.:** 10/810,171

    Title: MECHANISM FOR COLLABORATIVELY EXCHANGING NAVIGATION INFORMATION IN A DISTRIBUTED DOCUMENT REVIEW

    Filed: 3/25/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015153/0115

    Reference No: 33227/456001; P9381-US-NP

17. **Patent Application/Serial No.:** 10/815,221

Title: NESTED MONITOR HANDLING PROCESSES

Filed: 3/30/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015172/0736

Reference No: 33227/460001; SUN030154-US-NP

18. **Patent Application/Serial No.:** 10/816,983

Title: RELOCATION OF ACTIVE DMA PAGES

Filed: 4/2/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015183/0059

Reference No: 33227/447001; P8933-US-NP

19. **Patent Application/Serial No.:** 10/832,575

Title: SHARING DATA AMONG ISOLATED APPLICATIONS

Filed: 4/26/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015270/0415

Reference No: 33227/468001; SUN040037-US-NP

20. **Patent Application/Serial No.:** 10/833,474

Title: MECHANISM FOR IMPLEMENTING FILE ACCESS CONTROL ACROSS A NETWORK USING LABELED CONTAINERS

Filed: 4/27/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015278/0116

Reference No: 33227/464001; SUN030241-US-NP

21. **Patent Application/Serial No.:** 10/917,163

     Title: APPROACH FOR DISTRIBUTING MULTIPLE INTERRUPTS AMONG MULTIPLE PROCESSORS

     Filed: 8/11/2004

     Applicant: Sun Microsystems, Inc.

     Reel/Frame No.: 017718/0955

     Reference No: 33227/449001; P9208-US-CNT-1

22. **Patent Application/Serial No.:** 11/042,961

     Title: BINARY PROFILE INSTRUMENTATION FRAMEWORK

     Filed: 1/24/2005

     Applicant: Sun Microsystems, Inc.

     Reel/Frame No.: 016519/0367

     Reference No: 33227/453001; P9251-US-CIP-1

23. **Patent Application/Serial No.:** 11/042,834

     Title: DISPLAYING RESULTS OF SERVER-SIDE FORM VALIDATIONS WITHOUT PAGE REFRESH

     Filed: 1/24/2005

     Applicant: Sun Microsystems, Inc.

     Reel/Frame No.: 016498/0627

     Reference No: 33227/454001; P9252-US-CIP-1

24. **Patent Application/Serial No.:** 11/042,812

    Title: NAVIGATING SOURCE CODE USING ANNOTATED TOPOGRPAHIC IMAGE(S)

    Filed: 1/24/2005

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 016519/0380

    Reference No: 33227/455001; P9253-US-CIP-1

25. **Patent Application/Serial No.:** 10/923,291

    Title: PREPARING A BINARY FILE FOR FUTURE INSTRUMENTATION

    Filed: 8/20/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015723/0941

    Reference No: 33227/472001; SUN040634-US-NP

26. **Patent Application/Serial No.:** 10/898,274

    Title: INTERACTIVE TOOL FOR DEFINING BUSINESS PROCESSES

    Filed: 7/23/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 016514/0376

    Reference No: 33227/474001; SUN040660-US-NP

27. **Patent Application/Serial No.:** 10/948,587

    Title: CONNECTIVITY MAP EDITOR

    Filed: 9/22/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015830/0674

    Reference No: 33227/475001; SUN040662-US-NP

28. **Patent Application/Serial No.:** 10/921,600

    Title: CUSTOMIZING BUSINESS PROCESSES

    Filed: 8/18/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015710/0955

    Reference No: 33227/483001; SUN041278-US-NP

29. **Patent Application/Serial No.:** 10/891,977

    Title: DYNAMIC APPLICATION AND QUERY BUILDER

    Filed: 7/14/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 015591/0155

    Reference No: 33227/484001; SUN041371-US-NP

30. **Patent Application/Serial No.:** 10/990,741

    Title: DYNAMIC TABLES GENERATOR

    Filed: 11/16/2004

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 016006/0548

    Reference No: 33227/485001; SUN041425-US-NP

31. **Patent Application/Serial No.:** 11/095,431

    Patent No.: 7,503,063

    Title: END-TO-END INTEGRATION VISIBILITY FOR DOCUMENTS

    Filed: 3/30/2005

    Applicant: Sun Microsystems, Inc.

    Reel/Frame No.: 016440/0649

    Reference No: 33227/491001; SUN050467-US-NP

32.　**Patent Application/Serial No.:**　11/095,806

　　　　　　　　　　　　　　Title:　MESSAGE SELECTOR-HANDLER
　　　　　　　　　　　　　　　　　　　SYSTEM FOR MESSAGE PROCESSING

　　　　　　　　　　　　　　Filed:　3/30/2005

　　　　　　　　　　　　Applicant:　Sun Microsystems, Inc.

　　　　　　　　　　Reel/Frame No.:　016444/0346

　　　　　　　　　　Reference No:　33227/492001; SUN050468-US-NP

33.　**Patent Application/Serial No.:**　11/095,807

　　　　　　　　　　　　　　Title:　TOOL FOR CREATING CHARTS

　　　　　　　　　　　　　　Filed:　3/30/2005

　　　　　　　　　　　　Applicant:　Sun Microsystems, Inc.

　　　　　　　　　　Reel/Frame No.:　016444/0342

　　　　　　　　　　Reference No:　33227/493001; SUN050523-US-NP

34.　**Patent Application/Serial No.:**　11/042,833

　　　　　　　　　　　　　　Title:　MESSAGE TRANSLATION AND PARSING
　　　　　　　　　　　　　　　　　　　OF DATA STRUCTURES IN A
　　　　　　　　　　　　　　　　　　　DISTRIBUTED COMPONENT
　　　　　　　　　　　　　　　　　　　ARCHITECTURE

　　　　　　　　　　　　　　Filed:　1/24/2005

　　　　　　　　　　　　Applicant:　Sun Microsystems, Inc.

　　　　　　　　　　Reel/Frame No.:　016587/0145

　　　　　　　　　　Reference No:　33227/499001; SUN050550-US-CIP-1

35.　**Patent Application/Serial No.:**　11/042,963

　　　　　　　　　　　　　　Title:　MONITORING ALERT CONDITIONS

　　　　　　　　　　　　　　Filed:　1/24/2005

　　　　　　　　　　　　Applicant:　Sun Microsystems, Inc.

　　　　　　　　　　Reel/Frame No.:　016494/0670

　　　　　　　　　　Reference No:　33227/500001; SUN050551-US-CIP-1

36. **Patent Application/Serial No.:** 11/095,831

     Title: QUEUE MANAGEMENT

     Filed: 3/30/2005

    Applicant: Sun Microsystems, Inc.

  Reel/Frame No.: 016440/0083

   Reference No: 33227/501001; SUN050555-US-NP

37. **Patent Application/Serial No.:** 11/092,147

     Title: TIME-BASED SEQUENCING IN
       MESSAGE DELIVERY

     Filed: 3/28/2005

    Applicant: Sun Microsystems, Inc.

  Reel/Frame No.: 016431/0487

   Reference No: 33227/502001; SUN050556-US-NP

38. **Patent Application/Serial No.:** 11/128,956

     Title: WEB BROSWER AS WEB SERVICE
       SERVER IN INTERACTION WITH
       BUSINESS PROCESS ENGINE

     Filed: 5/12/2005

    Applicant: Sun Microsystems, Inc.

  Reel/Frame No.: 016566/0475

   Reference No: 33227/603001; SUN050557-US-NP

39. **Patent Application/Serial No.:** 11/452,768

     Title: SEARCHING COMPUTER PROGRAMS
       THAT USE DIFFERENT SEMANTICS

     Filed: 6/13/2006

    Applicant: Sun Microsystems, Inc.

  Reel/Frame No.: 018002/0563

   Reference No: 33227/600002; SUN050657-US-CIP-1

40. **Patent Application/Serial No.:** 11/451,751

Title: ENFORCING PROPER RESOLUTION FOR CLASSES OF SHARED OBJECTS IN A VIRTUAL MACHINE

Filed: 6/12/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017993/0660

Reference No: 33227/600001; SUN050657-US-NP

41. **Patent Application/Serial No.:** 11/479,664

Title: SUPPORT TRAY WITH FOLD-AWAY HANDLES

Filed: 6/30/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 018145/0371

Reference No: 33227/601001; SUN050661-US-NP

42. **Patent Application/Serial No.:** 11/451,785

Title: APPROACH FOR DISTRIBUTING INTERRUPRS FROM HIGH-INTERRUPT LOAD DEVICES

Filed: 6/12/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 018302/0437

Reference No: 33227/505001; SUN050859-US-NP

43. **Patent Application/Serial No.:** 11/210,163

Title: MECHANISM FOR FACILITATING HOT SWAP CAPABILITY

Filed: 8/22/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016930/0240

Reference No: 33227/507001; SUN050929-US-NP

44. **Patent Application/Serial No.:** 11/376,691

Title: DATA CONVERSION FROM HTML TO XML IN A TREE STRUCTURE

Filed: 3/14/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017694/0535

Reference No: 33227/519001; SUN060099-US-CIP-1

45. **Patent Application/Serial No.:** 11/361,437

Title: AUTOMATING INTERVAL SELECTION BASED ON RANGE AND SIZE OF DISPLAY AREA

Filed: 2/23/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017616/0447

Reference No: 33227/520001; SUN060099-US-NP

46. **Patent Application/Serial No.:** 11/441,620

Title: SCALABLE VECTOR GRAPHICS, TREE AND TAB AS DRAG AND DROP OBJECTS

Filed: 5/26/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017934/0134

Reference No: 33227/545001; SUN060431-US-NP

47. **Patent Application/Serial No.:** 11/497,884

Title: MANAGING PROTOCOL INFORMATION USED IN EXCHANGING COMMUNICATIONS

Filed: 8/1/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 018155/0908

Reference No: 33227/507002; SUN060491-US-CIP-1

48.   **Patent Application/Serial No.:** 12/058,509

                  Title: MECHANISM FOR SELECTIVELY ALLOWING CERTAIN COMPONENTS IN A GROUP OF COMPONENTS TO BE ASSOCIATED WITH A TARGET COMPONENT

                  Filed: 3/28/2008

                  Applicant: Sun Microsystems, Inc.

                  Reel/Frame No.: 021931/0531

                  Reference No: 33227/575001; SUN061090-US-NP

49.   **Patent Application/Serial No.:** 11/595,396

                  Title: METHOD AND APPARATUS FOR DATA TRANSFER BETWEEN ISOLATED EXECUTION CONTEXTS

                  Filed: 11/8/2006

                  Applicant: Sun Microsystems, Inc.

                  Reel/Frame No.: 018601/0141

                  Reference No: 33227/577001; SUN061096-US-NP

50.   **Patent Application/Serial No.:** 11/499,027

                  Title: CLASS PRE-LOADING MECHANISM

                  Filed: 8/3/2006

                  Applicant: Sun Microsystems, Inc.

                  Reel/Frame No.: 018158/0800

                  Reference No: 33227/507003; SUN061108-US-CIP-1

51. **Patent Application/Serial No.:** 11/862,908

Title: ACCESS CONTROL MECHANISM FOR SHAREABLE INTERFACE COMMUNICATION ACCESS CONTROL

Filed: 9/27/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 019893/0079

Reference No: 33227/594001; SUN070583-US-NP

52. **Patent Application/Serial No.:** 11/862,940

Title: METHOD AND APPARATUS FOR PROTECTION DOMAIN BASED SECURITY

Filed: 9/27/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 019893/0053

Reference No: 33227/595001; SUN070584-US-NP